

WHAT IS CLAIMED IS:

1. An image data transmitting device, comprising:
  - a communication device that transmits main image data stored in a storage medium to an external apparatus; and
  - an information processing device that deletes the main image data stored in the storage medium after the communication device transmits the main image data, and that keeps reduced image data of the main image data stored in the storage medium.
2. The image data transmitting device as defined in claim 1, further comprising:
  - a first setting device with which a user sets erasure of the main image data stored in the storage medium,
    - wherein the information processing device deletes the main image data after the communication device transmits the main image data to the external apparatus only if the user sets the erasure of the main image data.
3. The image data transmitting device as defined in claim 1, further comprising a second setting device with which the user sets the external apparatus.
4. The image data transmitting device as defined in claim 1, wherein the communication device automatically transmits the main image data to the external apparatus when the communication device becomes able to communicate with the external apparatus.
5. The image data transmitting device as defined in claim 1, wherein the

information processing device adds an indicator indicating that the main image data has been transmitted to a file name of a file of the main image data transmitted.

6. The image data transmitting device as defined in claim 1, wherein the information processing device adds information that the main image data has been transmitted to attached information of a file of the main image data transmitted.

7. The image data transmitting device as defined in claim 6, further comprising a first displaying device that displays a reduced image with at least one of information that the main image data has been transmitted, and information indicating the external apparatus.

8. The image data transmitting device as defined in claim 6, further comprising:

a third setting device with which the user sets reception of the main image data according to the reduced image data stored in the storage medium,

wherein the communication device receives the main image data from the external apparatus and stores the main image data in the storage medium.

9. The image data transmitting device as defined in claim 8, wherein the information processing device replaces the information that the main image data has been transmitted to the external apparatus with information before the main image data is transmitted when the main image data transmitted is received from the external apparatus and stored in the storage medium.

10. The image data transmitting device as defined in claim 1, wherein the

information processing device adds information that the main image data has been transmitted to the reduced image data to display a reduced image with at least one of a mark, a frame and characters.

11. The image data transmitting device as defined in claim 1, wherein the information processing device adds information indicating the external apparatus to which the main image data has been transmitted to the reduced image data to display a reduced image with at least one of a mark, a frame, and characters.

12. The image data transmitting device as defined in claim 1, further comprising:

a fourth setting device with which the user sets transmission of the main image data stored in the storage medium to the external apparatus,

wherein the information processing device produces a transmission information file that shows information set with the fourth setting device, and the communication device transmits the main image data stored in the storage medium to the external apparatus according to the information shown in the transmission information file.

13. The image data transmitting device as defined in claim 1, further comprising a second displaying device that displays a message that the main image data is being transmitted while the communication device is transmitting the main image data to the external apparatus.

14. The image data transmitting device as defined in claim 1, further comprising:

an imaging device that captures the main image data,

wherein the main image data is stored in the storage medium.

15. The image data transmitting device as defined in claim 1, wherein the reduced image data is produced simultaneously with deletion of the main image data.

16. The image data transmitting device as defined in claim 1, wherein the reduced image data is produced simultaneously with production of the main image data.

17. The image data transmitting device as defined in claim 16, further comprising:

a first setting device with which a user sets erasure of the main image data stored in the storage medium,

wherein the information processing device deletes the main image data after the communication device transmits the main image data to the external apparatus only if the user sets the erasure of the main image data.

18. The image data transmitting device as defined in claim 16, further comprising a second setting device with which the user sets the external apparatus.

19. The image data transmitting device as defined in claim 16, wherein the communication device automatically transmits the main image data to the external apparatus when the communication device becomes able to communicate with the external apparatus.

20. The image data transmitting device as defined in claim 16, wherein the information processing device adds an indicator indicating that the main image

data has been transmitted to a file name of a file of the main image data transmitted.

21. The image data transmitting device as defined in claim 16, wherein the information processing device adds information that the main image data has been transmitted to attached information of a file of the main image data transmitted.

22. The image data transmitting device as defined in claim 21, further comprising a first displaying device that displays a reduced image with at least one of information that the main image data has been transmitted, and information indicating the external apparatus.

23. The image data transmitting device as defined in claim 21, further comprising:

    a third setting device with which the user sets reception of the main image data according to the reduced image data stored in the storage medium,

    wherein the communication device receives the main image data from the external apparatus and stores the main image data in the storage medium.

24. The image data transmitting device as defined in claim 23, wherein the information processing device replaces the information that the main image data has been transmitted to the external apparatus with information before the main image data is transmitted when the main image data transmitted is received from the external apparatus and stored in the storage medium.

25. The image data transmitting device as defined in claim 16, wherein the information processing device adds information that the main image data has

been transmitted to the reduced image data to display a reduced image with at least one of a mark, a frame and characters.

26. The image data transmitting device as defined in claim 16, wherein the information processing device adds information indicating the external apparatus to which the main image data has been transmitted to the reduced image data to display a reduced image with at least one of a mark, a frame, and characters.

27. The image data transmitting device as defined in claim 16, further comprising:

    a fourth setting device with which the user sets transmission of the main image data stored in the storage medium to the external apparatus,

    wherein the information processing device produces a transmission information file that shows information set with the fourth setting device, and the communication device transmits the main image data stored in the storage medium to the external apparatus according to the information shown in the transmission information file.

28. The image data transmitting device as defined in claim 16, further comprising a second displaying device that displays a message that the main image data is being transmitted while the communication device is transmitting the main image data to the external apparatus.

29. The image data transmitting device as defined in claim 16, further comprising:

    an imaging device that captures the main image data,

    wherein the main image data is stored in the storage medium.

30. An image data transmitting method, comprising the steps of:  
transmitting main image data stored in a storage medium to an external apparatus; and  
deleting the main image data stored in the storage medium after the main image data is transmitted, while keeping reduced image data of the main image data stored in the storage medium.

31. The image data transmitting method as defined in claim 30, further comprising the steps of:  
setting erasure of the main image data stored in the storage medium in accordance with an operation by a user; and  
deleting the main image data after the main image data is transmitted to the external apparatus only if the user sets the erasure of the main image data.

32. The image data transmitting method as defined in claim 30, wherein the user sets the external apparatus.

33. The image data transmitting method as defined in claim 30, wherein the main image data is automatically transmitted to the external apparatus when communication with the external apparatus becomes possible.

34. The image data transmitting method as defined in claim 30, wherein an indicator indicating that the main image data has been transmitted is added to a file name of a file of the main image data transmitted.

35. The image data transmitting method as defined in claim 34, wherein a reduced image is displayed with at least one of information that the main image data has been transmitted, and information indicating the external apparatus.

36. The image data transmitting method as defined in claim 34, wherein:

the user sets reception of the main image data according to the reduced image data stored in the storage medium; and

the main image data is received from the external apparatus and stored in the storage medium.

37. The image data transmitting method as defined in claim 36, wherein the information that the main image data has been transmitted to the external apparatus is replaced by information before the main image data is transmitted when the main image data transmitted is received from the external apparatus and stored in the storage medium.

38. The image data transmitting method as defined in claim 30, wherein information that the main image data has been transmitted is added to attached information of a file of the main image data transmitted.

39. The image data transmitting method as defined in claim 38, wherein a reduced image is displayed with at least one of information that the main image data has been transmitted, and information indicating the external apparatus.

40. The image data transmitting method as defined in claim 38, wherein:

the user sets reception of the main image data according to the reduced image data stored in the storage medium; and

the main image data is received from the external apparatus and stored in the storage medium.

41. The image data transmitting method as defined in claim 40, wherein the

information that the main image data has been transmitted to the external apparatus is replaced by information before the main image data is transmitted when the main image data transmitted is received from the external apparatus and stored in the storage medium.

42. The image data transmitting method as defined in claim 30, wherein information that the main image data has been transmitted is added to the reduced image data to display a reduced image with at least one of a mark, a frame and characters.

43. The image data transmitting method as defined in claim 30, wherein information indicating the external apparatus to which the main image data has been transmitted is added to the reduced image data to display a reduced image with at least one of a mark, a frame and characters.

44. The image data transmitting method as defined in claim 30, wherein:

- the user sets transmission of the main image data stored in the storage medium to the external apparatus;
- a transmission information file that shows set information is produced;
- and
- the main image data stored in the storage medium is transmitted to the external apparatus according to the information shown in the transmission information file.

45. The image data transmitting method as defined in claim 30, wherein a message that the main image data is being transmitted is displayed on a display while the main image data is being transmitted to the external apparatus.

46. The image data transmitting method as defined in claim 30, wherein the reduced image data is produced simultaneously with deletion of the main image data.

47. The image data transmitting method as defined in claim 30, wherein the reduced image data is produced simultaneously with production of the main image data.

48. The image data transmitting method as defined in claim 47, further comprising the steps of:

setting erasure of the main image data stored in the storage medium in accordance with an operation by a user; and

deleting the main image data after the main image data is transmitted to the external apparatus only if the user sets the erasure of the main image data.

49. The image data transmitting method as defined in claim 47, wherein the user sets the external apparatus.

50. The image data transmitting method as defined in claim 47, wherein the main image data is automatically transmitted to the external apparatus when communication with the external apparatus becomes possible.

51. The image data transmitting method as defined in claim 47, wherein an indicator indicating that the main image data has been transmitted is added to a file name of a file of the main image data transmitted.

52. The image data transmitting method as defined in claim 51, wherein a reduced image is displayed with at least one of information that the main image

data has been transmitted, and information indicating the external apparatus.

53. The image data transmitting method as defined in claim 51, wherein:  
the user sets reception of the main image data according to the reduced  
image data stored in the storage medium; and  
the main image data is received from the external apparatus and stored in  
the storage medium.

54. The image data transmitting method as defined in claim 53, wherein the  
information that the main image data has been transmitted to the external  
apparatus is replaced by information before the main image data is transmitted  
when the main image data transmitted is received from the external apparatus  
and stored in the storage medium.

55. The image data transmitting method as defined in claim 47, wherein  
information that the main image data has been transmitted is added to attached  
information of a file of the main image data transmitted.

56. The image data transmitting method as defined in claim 55, wherein a  
reduced image is displayed with at least one of information that the main image  
data has been transmitted, and information indicating the external apparatus.

57. The image data transmitting method as defined in claim 55, wherein:  
the user sets reception of the main image data according to the reduced  
image data stored in the storage medium; and  
the main image data is received from the external apparatus and stored in  
the storage medium.

58. The image data transmitting method as defined in claim 57, wherein the information that the main image data has been transmitted to the external apparatus is replaced by information before the main image data is transmitted when the main image data transmitted is received from the external apparatus and stored in the storage medium.

59. The image data transmitting method as defined in claim 47, wherein information that the main image data has been transmitted is added to the reduced image data to display a reduced image with at least one of a mark, a frame and characters.

60. The image data transmitting method as defined in claim 47, wherein information indicating the external apparatus to which the main image data has been transmitted is added to the reduced image data to display a reduced image with at least one of a mark, a frame and characters.

61. The image data transmitting method as defined in claim 47, wherein:  
the user sets transmission of the main image data stored in the storage medium to the external apparatus;

a transmission information file that shows set information is produced;  
and

the main image data stored in the storage medium is transmitted to the external apparatus according to the information shown in the transmission information file.

62. The image data transmitting method as defined in claim 47, wherein a message that the main image data is being transmitted is displayed on a display while the main image data is being transmitted to the external apparatus.